



TRW
Docket No.: M4065.0644/P644
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kristy A. Campbell

Application No.: 10/765,393

Confirmation No.:

Filed: January 28, 2004

Art Unit: N/A

For: RESISTANCE VARIABLE MEMORY
ELEMENTS BASED ON POLARIZED
SILVER-SELENIDE NETWORK
GROWTH

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is not attached as the application was filed after June 30, 2003.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other

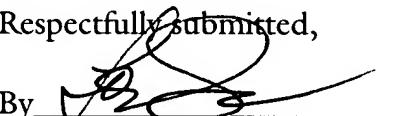
1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0644/P644.

Dated: June 21, 2004

Respectfully submitted,

By 
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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/765,393
				Filing Date	January 28, 2004
				First Named Inventor	Kristy A. Campbell
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A	US 2004/0035401	2/2004	Ramachandran et al.		
B	US 2003/0212724	11/2003	Ovshinsky et al.		
C	US 2003/0048744	3/2003	Ovshinsky et al.		
D	US 2003/0212725	11/2003	Ovshinsky et al.		
E	US RE 37,259E	7/2001	Ovshinsky		
F	US 3,271,591	9/1966	Ovshinsky		
G	US 3,961,314	6/1976	Klose et al.		
H	US 3,966,317	6/1976	Wacks et al.		
I	US 3,983,542	11/1976	Ovshinsky		
J	US 3,988,720	10/1976	Ovshinsky		
K	US 4,177,474	12/1979	Ovshinsky		
L	US 4,267,261	5/1981	Hallman et al.		
M	US 4,597,162	7/1986	Johnson et al.		
N	US 4,608,296	8/1986	Keem et al.		
O	US 4,637,895	1/1987	Ovshinsky et al.		
P	US 4,646,266	2/1987	Ovshinsky et al.		
Q	US 4,664,939	5/1987	Ovshinsky		
R	US 4,668,968	5/1987	Ovshinsky et al.		
S	US 4,670,763	6/1987	Ovshinsky et al.		
T	US 4,673,957	6/1987	Ovshinsky et al.		
U	US 4,678,679	7/1987	Ovshinsky		
V	US 4,696,758	9/1987	Ovshinsky et al.		
W	US 4,698,234	10/1987	Ovshinsky et al.		
X	US 4,710,899	12/1987	Young et al.		
Y	US 4,728,406	3/1988	Banerjee et al.		
Z	US 4,737,379	4/1988	Hudgens et al.		
A1	US 4,766,471	8/1988	Ovshinsky et al.		
B1	US 4,769,338	9/1988	Ovshinsky et al.		
C1	US 4,775,425	10/1988	Guha et al.		
D1	US 4,788,594	11/1988	Ovshinsky et al.		
E1	US 4,809,044	2/1989	Pryor et al.		
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Sheet	2	of	3	Attorney Docket Number	M4065.0644/P644

	U1	US 5,534,711	7/1996	Ovshinsky et al.	
	V1	US 5,534,712	7/1996	Ovshinsky et al.	
	W1	US 5,536,947	7/1996	Klersy et al.	
	X1	US 5,543,737	8/1996	Ovshinsky	
	Y1	US 5,591,501	1/1997	Ovshinsky et al.	
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	A2	US 5,687,112	11/1997	Ovshinsky	
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	D2	US 5,825,046	10/1998	Czubatyj et al.	
	E2	US 5,912,839	6/1999	Ovshinsky et al.	
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	H2	US 6,087,674	7/2000	Ovshinsky et al.	
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	J2	US 6,339,544	1/2002	Chiang et al.	
	K2	US 6,404,665	6/2002	Lowery et al.	
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	M2	US 6,437,383	8/2002	Xu	
	N2	US 6,462,984	10/2002	Xu et al.	
	O2	US 6,480,438	11/2002	Park	
	P2	US 6,487,113	11/2002	Park et al.	
	Q2	US 6,501,111	12/2002	Lowery	
	R2	US 6,507,061	1/2003	Hudgens et al.	
	S2	US 6,511,862	1/2003	Hudgens et al.	
	T2	US 6,511,867	1/2003	Lowery et al.	
	U2	US 6,512,241	1/2003	Lai	
	V2	US 6,514,805	2/2003	Xu et al.	
	W2	US 6,531,373	3/2003	Gill et al.	
	X2	US 6,534,781	3/2003	Dennison	
	Y2	US 6,545,287	4/2003	Chiang	
	Z2	US 6,545,907	4/2003	Lowery et al.	
	A3	US 6,555,860	4/2003	Lowery et al.	
	B3	US 6,563,164	5/2003	Lowery et al.	
	C3	US 6,566,700	5/2003	Xu	
	D3	US 6,567,293	5/2003	Lowery et al.	
	E3	US 6,569,705	5/2003	Chiang et al.	
	F3	US 6,570,784	5/2003	Lowery	
	G3	US 6,576,921	6/2003	Lowery	
	H3	US 6,586,761	7/2003	Lowery	
	I3	US 6,589,714	7/2003	Maimon et al.	
	J3	US 6,590,807	7/2003	Lowery	
	K3	US 6,593,176	7/2003	Dennison	
	L3	US 6,597,009	7/2003	Wicker	
	M3	US 6,605,527	8/2003	Dennison et al.	
	N3	US 6,613,604	9/2003	Maimon et al.	
	O3	US 6,621,095	9/2003	Chiang et al.	
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	Q3	US 6,642,102	11/2003	Xu	
	R3	US 6,646,297	11/2003	Dennison	

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	S3	US 6,649,928	11/2003	Dennison	
	T3	US 6,667,900	12/2003	Lowery et al.	
	U3	US 6,671,710	12/2003	Ovshinsky et al.	
	V3	US 6,673,648	1/2004	Lowrey	
	W3	US 6,673,700	1/2004	Dennison et al.	
	X3	US 6,674,115	1/2004	Hudgens et al.	
	Y3	US 6,687,427	2/2004	Ramalingam et al.	
	Z3	US 6,690,026	2/2004	Peterson	
	A4	US 6,696,355	2/2004	Dennison	
	B4	US 6,687,153	2/2004	Lowery	
	C4	US 6,707,712	3/2004	Lowery	
	D4	US 6,714,954	3/2004	Ovshinsky et al.	

FOREIGN PATENT DOCUMENTS					
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					T ⁶

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